

NEW YORK STATE
COLLEGE OF AGRICULTURE,
DEPARTMENT OF HORTICULTURE,
CORNELL UNIVERSITY,
ITHACA, N. Y.

AHLIAS

1913

W. W. WILMORE
DENVER, COLO.

A New Book--"The Dahlia"

By W. W. WILMORE

This new work should be in the hands of every Dahlia grower, whether amateur or professional. It is a handsomely illustrated manual, written as a souvenir edition commemorating my twenty-first year as a commercial grower.

Failure in growing Dahlias, nine times out of ten, is directly traceable to improper treatment or troubles that could easily be removed if their causes were known

and understood. It was largely with this aim in view that I prepared this manual. The price is a mere trifle, and no grower should run the risk of failure when reliable knowledge is within easy reach of all.

The work covers briefly the practical questions of Dahlia culture, methods of propagation, winter storage, etc. This work will be sent postpaid for 25 cents, or, if requested, it will be sent in addition to regular premiums with all orders amounting to \$2.00.

Read What Others Say of this Work

(A FEW OF THE MANY TESTIMONIALS.)

"Your treatise on Dahlia Culture is the best I have ever seen. It is the most edifying book to date. You deserve great credit for the cultural instructions."

D. M. VAN NAME.

"I have read this little book with much interest, and find it to be the most complete work on the dahlia that I have seen. I envy you your knowledge of this flower."

W. T. SHELTON, Superintendent of Indian School.

"It is hard to get such pointers as you so freely bestow in your book. Thank you in the name of the many lovers of this beautiful flower."

THEO. W. MOSES.

"I have read your Dahlia Manual and think it is the best work on the culture of the dahlia I have seen."

F. R. EATON.

"It is an up-to-date and good all-round guide. The knowing how to place the tubers more than repays its cost."

MRS. H. B. HEDGES.

"The Dahlia Manual at hand; it is certainly an up-to-date and valuable piece of work. We wish to congratulate you on same. If you intend to put this book on the market would like you to make us prices. We have not as yet discovered any book containing as much valuable information as yours."

PORTLAND CEMENT CO.

Special Offer

"THE DIAMOND COLLECTION."

13 Choice Dahlias, all labeled, for \$2.00.

This list is arranged for those who wish a first-class collection of dahlias but who are not familiar with varieties and names. All are very fine varieties, selected, not only best in color, but embracing the very best cutting varieties. The collection will be sent neatly packed and postpaid for \$2.00, including a copy of the Dahlia Manual if it is desired. Full value of the dahlias alone would be \$2.55 if bought singly.

In ordering, say "Diamond Collection." You will get the following varieties:

Bon Ton
Countess of Lonsdale
Country Girl

Eugene Teele
Jeanne Charnet
Mrs. Winters

Mme. Dael
Mrs. Hartong
Mrs. H. J. Jones

Pink Pearl
Princess Yetive

Ventura
The Baron

COLLECTION NO. 2--13 Choice Dahlias for \$1.00.

This collection is our selection--unlabeled. All double and no two alike. Postpaid. In ordering, say Collection No. 2.

W. W. WILMORE, *Dahlia Specialist*

ESTABLISHED 1886

P. O. BOX 382

DENVER, COLORADO

PHONE HICKORY 1622

Gardens located at West 38th and Wadsworth Avenues.
Crown Hill Car three-quarters of a mile south of Gardens.

DAHLIAS--1913



DR. H. H. RUSBY (1913).
A Superb New Peony Flowered Dahlia.

A brief description of this new dahlia, with the good illustration above, will be all that is necessary to place it at the head of the peony flowered list now so deservedly popular.

Had I a single doubt of the sterling merit of this new introduction I would not have named it for the illustrious gentleman whose name it bears. The flower is very large—often 6 to 8 inches in diameter; an early and constant bloomer, producing its immense bright lemon flowers on good stems. Plant vigorous and healthy. A splendid acquisition. Stock quite limited. Strong tubers, \$2.50 each. Height 5 feet.

Thirty-Two Years Among Dahlias

TO MY MANY THOUSANDS OF PATRONS,



GREETING:

With the dawn of the year 1913, I pass my twenty-seventh year as a commercial grower of Dahlias. The five earliest years were passed as an amateur grower. So far as known, I am by far the oldest specialist in dahlia culture in this country, and issued the first exclusive dahlia catalogue in the United States. These many years of practical

experience among the dahlias places me in position to pass intelligently upon the dahlia, its habits, needs and qualities.

Throughout all these years the dahlia has steadily and rapidly grown in public favor. At the first it was

confined largely to the amateur and private garden, but in later years it has become a very important item in the cut flower trade in all large cities, and scores of persons and firms are now specializing in dahlias and many hundreds of acres are planted to dahlias annually, and still the demand for many of the popular varieties is in excess of the supply. Newer forms with better colors and habits are constantly being introduced to supplant the older and inferior varieties. The varieties listed in the following pages are the best that money and skill could bring together—the cream selected from thousands of varieties tested in past years. My aim has been to combine quality rather than quantity. In my dealings with the people I have tried to treat each order as coming from a personal friend. This will explain in part the wonderful success which has attended my efforts. Each year I originate many new varieties and select only the best, and of these none are sent out until they have been tested for three years. To those who have never tested my stock I solicit a trial order, feeling confident my stock will give entire satisfaction.

PRICES. I do not claim that my prices are the lowest; nor have I coveted the reputation of running a "cheap place." Nevertheless, my prices will be found quite reasonable and even lower than others. **REMEMBER ALSO THAT I SEND OUT STRONG TUBERS, NOT WEAKLY GREEN PLANTS.** Special attention of patrons is called to the list of Hardy Herbaceous Plants. They thrive almost anywhere that a weed would grow, requiring only reasonable care to get them well established. (See page 13.)

HOW TO ORDER

It would be well for each purchaser, when making out an order, to name several varieties as a second choice, for the reason that some of the varieties wanted may be out of stock when the order reaches me; or if not familiar with varieties, I will gladly make selections for you if you will mention the colors and forms wanted. Long experience places each variety before me as an open book.

Terms Upon Which I Do Business

FIRST—The cash must accompany the order.

SECOND—Remittances may be sent in any way most convenient to the purchaser, but where remittances are made by P. O. order, extra stock will be given to recompense for the extra cost. If personal checks are sent, add 15 cents extra for exchange.

THIRD—Prices quoted include postage or express charges to all railway points in the United States, when purchased at retail, except where noted.

FOURTH—Club Terms: In lots of five dozen or over to one address, those varieties priced at \$1.50 per dozen

will be sent for \$1.25; all other stock in proportion.

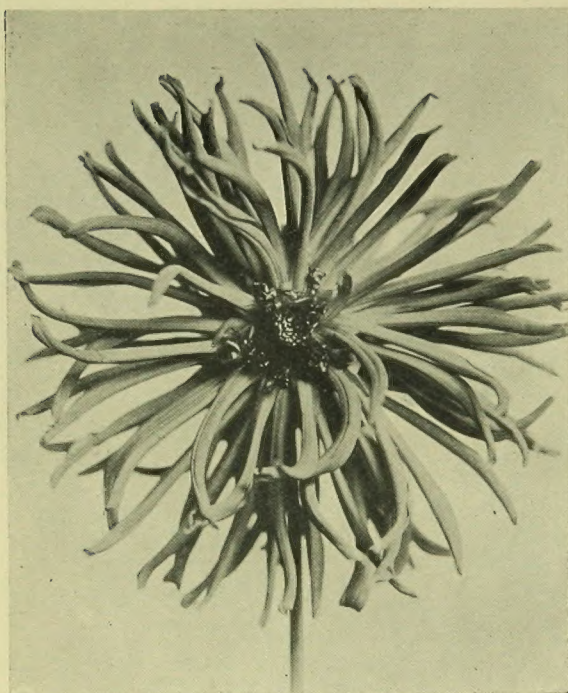
FIFTH—One-half dozen may be ordered at dozen rates.

SIXTH—Non-Warranty: I guarantee the safe arrival of goods by mail or express and will continue to use the same careful, painstaking methods in filling orders with stock of known vitality and of superior merit, but will not be responsible for future results or failures. Errors should be reported at once.

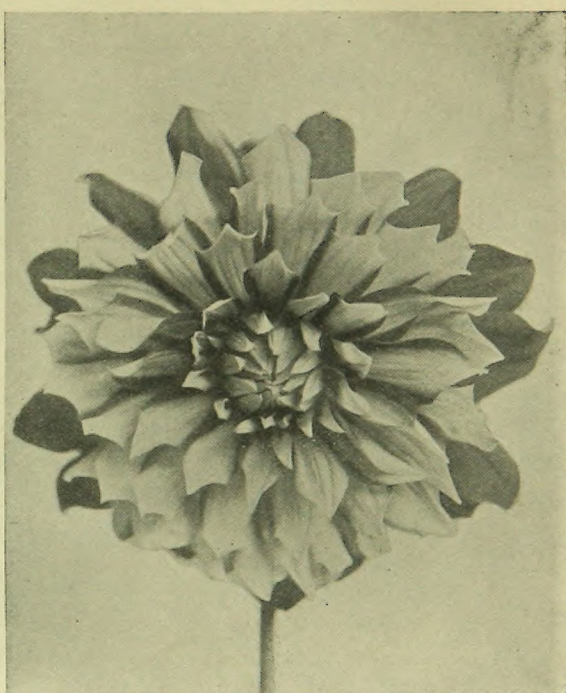
Note.—If you fail to find some old favorite listed in the following pages, it is because a newer and better variety has taken its place.



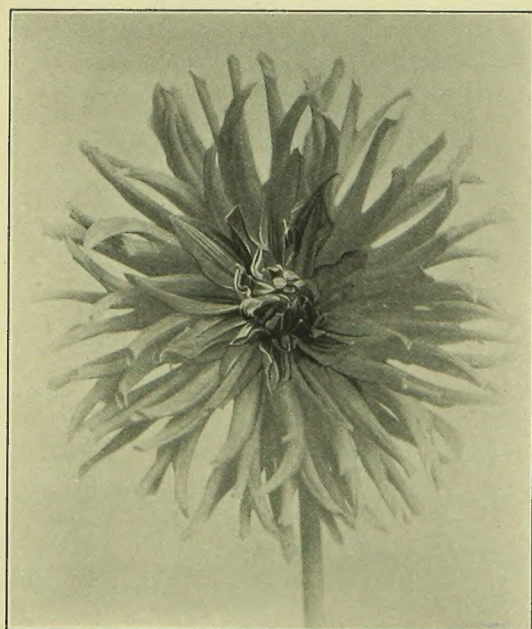
Field of Dahlias in Full Bloom.



Amarillo



Portola



Ramona



Autumn Glow

FOUR SPECIAL NOVELTIES OF 1912

AMARILLO. A unique type which might be classed as a Peony cactus. Petals are very long and narrow, curving forward in a fantastic manner. Flowers are very large and borne on good stems. Color, orange shading to old gold at the base. A fine novelty. Strong tubers, \$1.00 each; \$10.00 per doz. Height, 4 feet.

AUTUMN GLOW. A very large, full flower, blooming well above the foliage. Color, bronze yellow, giving varied shades of autumn tints. The finest of its color. Strong tubers, 50c each; \$5.00 per doz. Height, 4 feet.

PORTOLA. A superb dahlia with most remarkable variations of color and also in its petal formation.

Plant is strong in growth, with fine erect stems. Color, pale pink, margined with clear orange bands. Sometimes almost solid orange. In either color it is superb. Strong tubers, 50c each; \$5.00 per doz. Height, 3 feet.

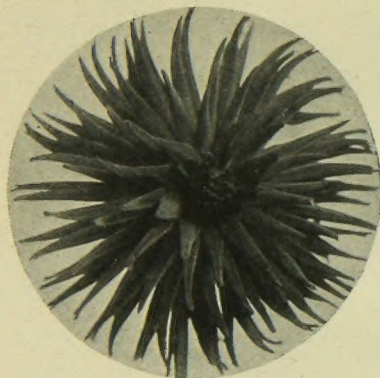
RAMONA. In this new cactus we have an ideal cutting variety. The plant blooms freely and the stems are remarkably long, from 14 to 18 inches, holding its flowers in perfect poise. Color, clear soft scarlet. Large and full strong tubers, 50c each; \$5.00 per doz. Height, 4 feet.

SPECIAL OFFER—One each of the four, postpaid, for \$2.25.

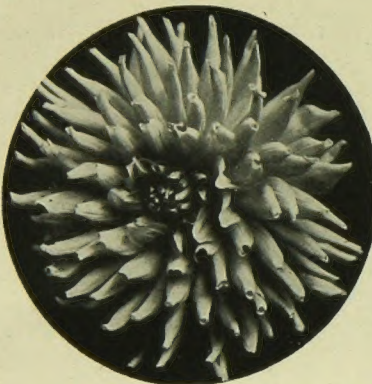
Novelties and Dahlias of Special Merit

CACTUS VARIETIES

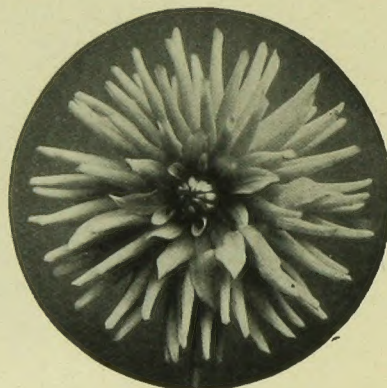
(Newer Introductions Are Indicated by Date)



Charles Clayton



Country Girl



Dainty

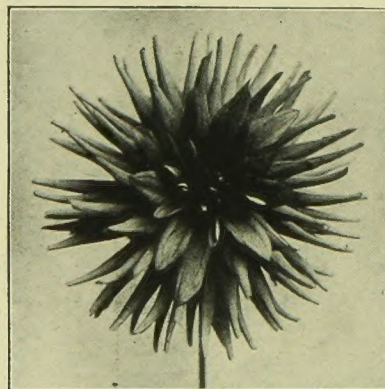
AUROREA. Soft pink, tinted white, with gold shading, very free bloomer, good stem. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

CHARLES CLAYTON. 1909. The strongest words of praise are not extravagant when applied to this wonderful new cactus. It is the ideal in color, form, length of stem and general good habits, beyond which it would seem little could be hoped for. Stems are long, holding the flowers well above the foliage. The color is a most intense red, so vivid as to dazzle the eye. Flowers are large in size and are produced freely. Plant grows to a height of 4 feet. Price, strong tubers, 25c each; \$2.50 per doz.

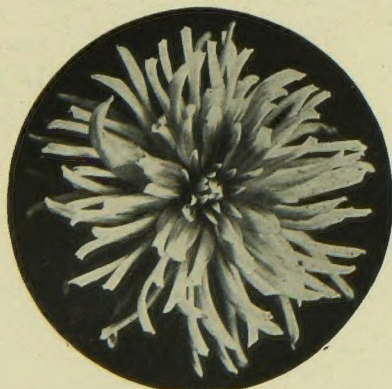
COMET. A fancy Cactus with long, straight petals, pale pink ground streaked and splashed with crimson. Large and full. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

and perfect in form. An exceptionally fine Dahlia. Height, 3½ feet. Price, 20c each; \$2.00 per doz.

COUNTRESS OF LONSDALE. The freest-flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just a suspicion of apricot at the base of the petals. Towards



Countess of Lonsdale.



Charm.

CHARM. Petals long and regular, delicate salmon rose, changing to pale pink; often pink edged with salmon rose. Very fine both in color and form. Height, 3 feet. Strong tubers, 25c each; \$2.50 per doz.

CORNUCOPIA. A superb variety; petals very long and regular in form. Deep vermillion, shading darker. Flowers large and produced in profusion. Height, 3 feet. Strong tubers, 20c each; \$2.00 per doz.

COUNTRY GIRL. Base of petals golden yellow, suffused with salmon rose, a bright and pleasant combination of color, difficult to describe. Flowers very large

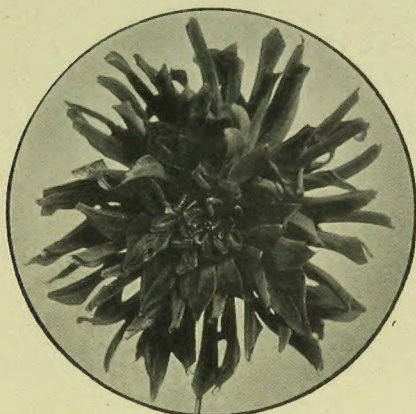
the tips the color deepens gradually to the softest carmine pink. Height, 3 feet. Strong tubers, 20c each; \$2.00 per doz.

DAISY STAPLES. An exquisite mauve pink Cactus, combining many fine qualities, among which are exquisite form, clear color and abundance of flowers. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

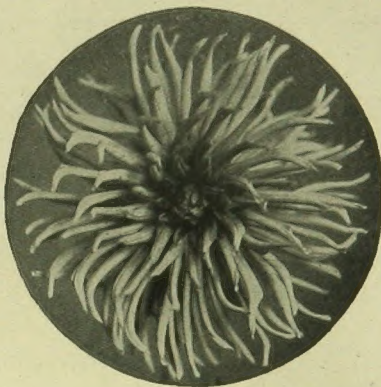
DAINTY. Most fittingly described by its name. The dainty coloring baffles description, but may be partly described as a lemon base, shading to an exquisite rosy pink at the tips. It has the other good qualities of freedom of blooms. Height, 4 feet. Strong tubers, 20c each; \$2.00 per doz.

EVELYN WILMORE. 1911. Deep garnet red without shading or variation; petals long and narrow, curving forward. Flower medium in size. Stems long and erect. An exceptional fine flower in all respects. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

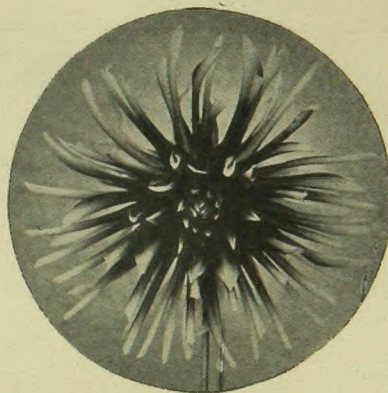
HUNGARIAN. A finely formed flower born on long stems. Pure old gold shade. A very attractive flower, 25c each; \$2.50 per doz. Height, 3 feet.



Mrs. Jeffries.



Mrs. H. Muir.



Mrs. H. J. Jones.

INGEBORG EGELAND. A strong grower with bright green foliage, presenting a picture of wonderful richness when combined with the large mass of deep scarlet blooms. Flowers are borne well above the foliage on strong, medium length stems. Height, 3 feet. Strong tubers, 25c each; \$2.50 per doz.

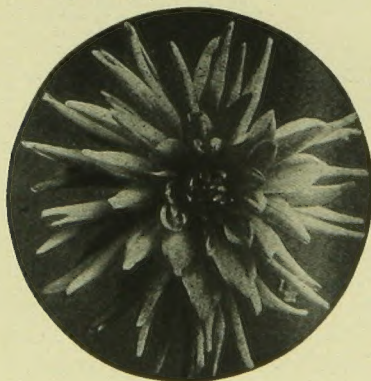
JUGEND. Bluish white; stems long, holding the flower above the foliage. Petals narrow with open funnel-shaped tip. Good for cutting. Price, 25c each; \$2.50 per doz. Height, 3 feet.

J. H. JACKSON. A tall growing variety, producing its finely formed flowers on long stems. Color, brilliant crimson maroon. Height, 4 feet. Strong tubers, 20c each; \$2.00 per doz.

Fine for cutting. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

MRS. H. J. JONES. A beautiful large Dahlia, with long claw-like petals, curving forward. Color, bright, vivid red, tipped and edged with pure white. Sometimes solid red, at others blush white. One of the best to date. Height, 5 feet. Strong tubers, 20c each; \$2.00 per doz.

MRS. HANNAH MUIR. 1909. Salmon pink, sometimes marked with white. Petals long and curved, drawing to a sharp point. Stems medium in length. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

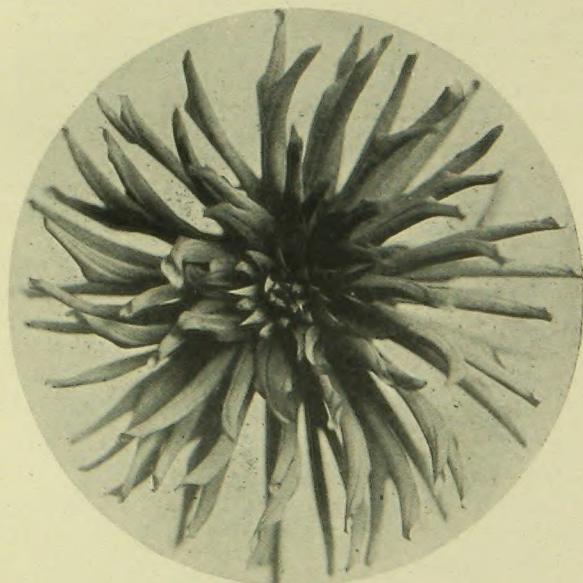


Kriemhilde.

KRIEMHILDE. An exquisite shell pink, shading to white in the center. Undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as a cut flower superseding all the other pink sorts. Height, 4 feet. Strong tubers, 20c each; \$2.00 per doz.

MRS. FERDINAND JEFFRIES. 1911. Probably the largest Cactus Dahlia ever grown, often measuring over eight inches in diameter. In formation the flower is irregular, its long petals are curved and twisted, giving the flower a shaggy appearance. Color, deep velvety red, combining beautifully with the rich green foliage. Price, strong tubers, 50c each; \$5.00 per doz. Height, 3 feet.

MARY SERVICE. A flower of exquisite form and unique coloring; purplish rose, shading to heliotrope.



Mrs. W. K. Jewett.

MRS. W. K. JEWETT. A large, finely formed flower. Petals long and narrow, curving forward and giving a claw-like effect to the flower. Color, a pleasing orange scarlet. Very long stems, making it fine for cutting. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

Branford, Conn., Oct. 23, 1909.

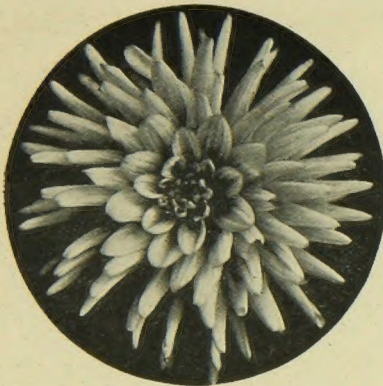
"I found the New Cactus Dahlia, Charles Clayton, fully up to recommendation in every way, holding its flowers well when cut, and showing well on the plant. I consider it the best in its class and bound to become a leader."

N. A. M.

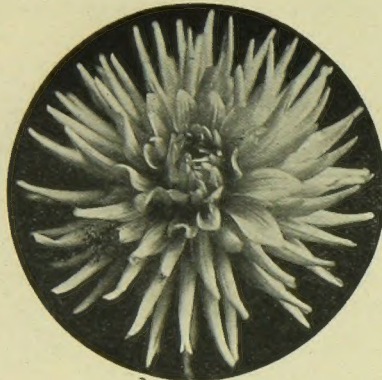
Springfield, Mo.

"Your shipment of bulbs arrived a few days ago in good condition. I have just unpacked two shipments from Eastern growers, and I must say yours appear to be in better condition than any I have purchased elsewhere."

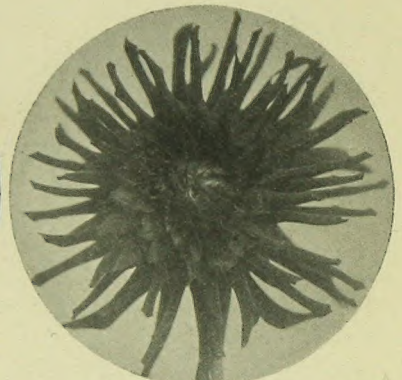
J. E. L.



Olive Tracy.



Princess Yette.



Rev. Williamson.

MIKADO. Bright crimson flower, large and full; petals long and pointed. An early and free bloomer. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

MAID OF ATHENS. 1912. Amber yellow, outer petals shaded to pale fawn. Flower large and full. Unique in both color and form. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

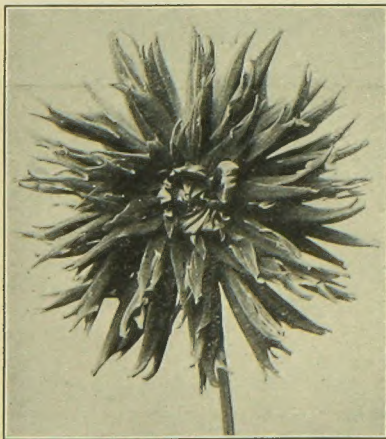
OLIVE TRACY. 1910. Clear canary yellow, a delicate color, produced on long stems, making it a valuable variety for cutting. A very attractive flower. 25c each; \$2.50 per doz. Height, 4 feet.

PRINCESS YETTE. 1910. Delicate pink, shading to amber; a blending of colors too delicate to describe by word. Flower is medium in size; plant a robust, healthy grower. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

PINK PEARL. Mellow pink at the base of the petals, shading off gradually at the tips, the effect being a soft, rosy pink. Fine for cutting. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

PERLE DE LYON. A large Cactus. Petals cleft at the tip. Pure white flower, full and borne on good stems. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

PROF. ZACHARIAS. Clear lemon yellow petals, long and straight; flowers well above the foliage. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.



Progenitor.

PROGENITOR. Bright carmine or crimson lake, petals being furcated on the end like a staghorn, forming several points, each division having a fluted termination. Strong tubers, 20c each; \$2.00 per doz. Height, 3 feet.

RHEINKONG. Said to be the ideal white Cactus, which has been looked for so long. A robust, healthy grower, producing immense flowers 5 to 6 inches in di-

ameter, of pure snowy white, on long stiff stems. Ideal for cutting, garden or decorative purposes. Strong tubers, 50c each; \$5.00 per doz. Height, 4 feet.

REV. D. R. WILLIAMSON. Dark purple maroon. Very large and of exquisite form. Stems very long, fine in all points. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

UNCLE TOM. Dark maroon, almost approaching black. Fine shaped flower with good stem. Height, 3 feet. Strong tubers, 20c each; \$2.00 per doz.

VICTOR VON SCHEFFEL. Similar in both form and color to the well-known Kriemhilde, but is much freer of bloom and more delicate in color. Shell pink, shading to white. Strong tubers, 20c each; \$2.00 per doz. Height, 4 feet.

VENTURA. 1910. Yellow, shading to amber and pink. A very free bloomer. Stem rather short, but in all other respects first-class. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

TESTIMONIALS

November 4th, 1910.
"I deem it but due you to acknowledge your fair treatment in connection with my order for dahlias; 99 per cent. of them grew finely and developed sturdy roots, and produced blooms second to none."

J. W. EATON.

Nicholasville, Ky., Feb., 1911.

"I must tell you how very satisfactory your Dahlias have proven. They have called forth admiration from all who saw them. All during the blooming season our house was decorated as for a party."

MISS J. W.

"W. W. Wilmore, the dahlia specialist of Denver, and who is the recognized authority on that flower in the West, had a fine display, in which were a number of beautiful new specimens of his own creation. Mr. Wilmore and son took more premiums than any other exhibitor in the professional classes, they receiving twenty-nine." (Extract from the report of the flower show held at Colorado Springs, Colo., Aug., 1911.)

North Long Beach, N. J., Oct. 9, 1911.

"Two days with Dahlia Mrs. Jeffries on the desk before me. I must admit it to be the handsomest dahlia I ever saw. In color it is unequalled. In form most unique. I congratulate you."

T. W. M.

Roswell, N. M., Feb. 28, 1912.

"The Dahlia Mrs. Ferdinand Jeffries gave us full satisfaction in quality, quantity and growth. The flowers were superb."

R. H. K.

Feb. 23, 1912.

"The flowers (Mrs. Ferdinand Jeffries) were simply grand in size, form and color, notwithstanding the fact that it was a very poor season here for dahlias."

EDGAR W. ELA.

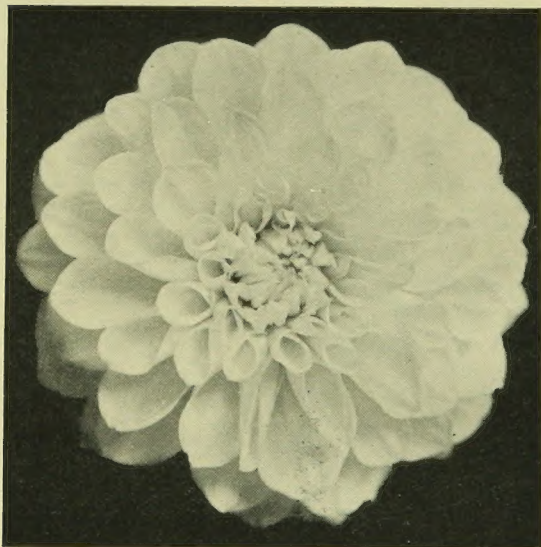
March 27, 1912.

"I want to say that the dahlia tubers received from you are at all times in fine condition, and are the best received from any source at any price, and are always true to name."

SUMNER BURKHART.

Novelties of Special Merit

VARIOUS TYPES



Dr. I. B. Perkins.

CORONA. 1910. (The Carnation Dahlia.) A miniature decorative form, fully double and of purest white. Its wonderful freedom of bloom, pure color and chaste form places it at once at the head of the list as a florists flower. At a little distance it would be pronounced a carnation, which it resembles both in size and form. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

CONGO. 1910. A decorative form. A dark velvety maroon color. Produced on long, erect stems, 25c each; \$2.50 per doz.

CORA GILBERT. A show Dahlia. In form a perfect model, rounded and full with a high center; petals beautifully quilled. Color, creamy pink, beautifully shaded. Stems very long. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

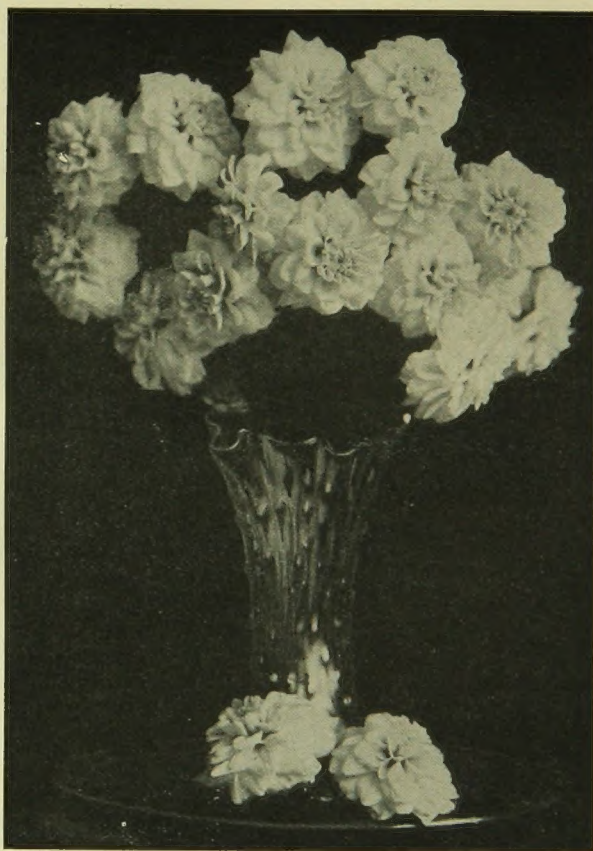
CREAM OF THE VALLEY. (Show.) Creamy pink, shading to a crimson tip. Very large and regular in form. Stems long and erect. Very fine. 25c; \$2.50 per doz. Height, 4 feet.

D. M. MOORE. (Show.) A flower of mammoth size, produced in profusion on long, stiff stems. Its color is a deep velvety maroon. It has no equal in its color. Strong tubers, 25c; \$2.50 per doz. Height, 3 feet.

DREER'S WHITE. (Show.) Pure white, resembling in form the popular Grand Duke Alexis. Strong tubers, 25c; \$2.50 per doz. Height, 4 feet.

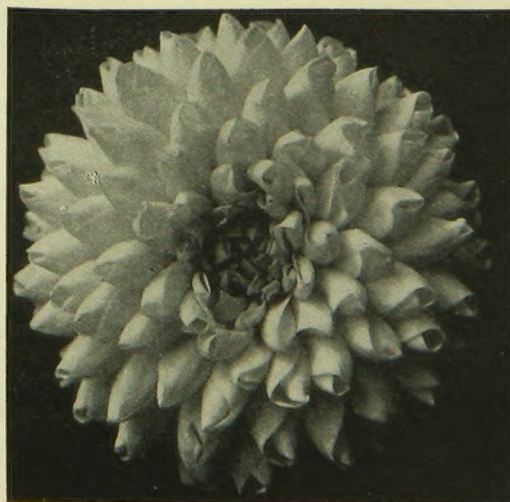
DELICE. Its beautiful soft, yet lively, color, a glowing rose-pink, together with its perfect shape, stout, stiff stems which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting, and one of the most decorative sorts in the garden. Strong tubers, 25c; \$2.50 per doz. Height, 4 feet.

DR. I. B. PERKINS. (Show, 1913.) An ideal white show dahlia. Its large, pure white flowers are borne on very long stems which hold the flower free above the foliage. Excellent for both cutting and garden decoration. A healthy grower, reaching a height of five feet. Strong tubers, 50c each; \$5.00 per doz. Height, 5 feet.



Corona.

EMPRESS JOSEPHINE. 1912. (Decorative.) A remarkably strong growing plant that blooms freely on long individual stems and keeps well after cutting. Color, light pink, delicately penciled with purple. Center deep lavender. Flowers are large and perfect in form. Strong tubers, 25c; \$2.50 per doz. Height, 5 feet.



Grand Duke Alexis.

GOVERNOR WILSON (1911.) (Now President Wilson.) A fine decorative dahlia, especially recommended as a cutting variety, but fine also for a yard plant. Bright, fiery scarlet. All its habits are good. Height, 4 feet. Strong tubers, 50c; \$5.00 per doz.

GLEN EYRIE. (Decorative.) A superb new lemon yellow. A large, finely formed flower, borne on good, stout stems. Some of the flowers show tips of white. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

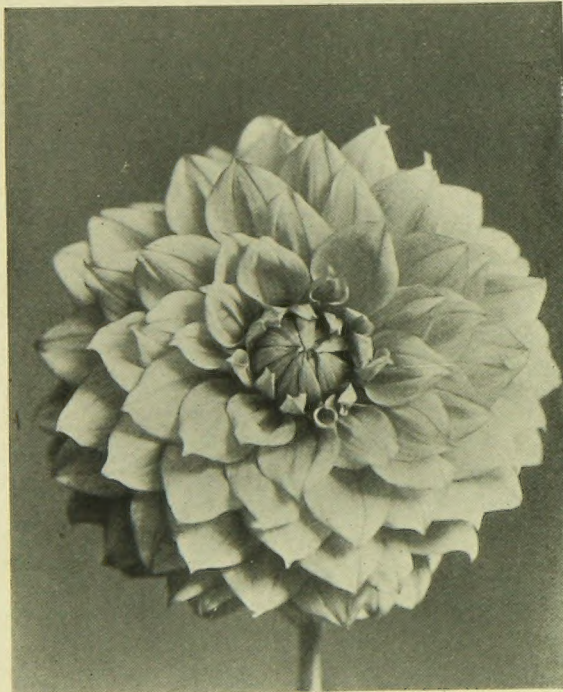
GOLD MEDAL. (Fancy.) Golden yellow, streaked and dotted with red. A large, rounded flower, 20c each; \$2.00 per doz. Height, 4 feet.

GOLD OF OPHIE. Flowers extra large, of the decorative form and always full to the center. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

GRAND DUKE ALEXIS. A magnificent Dahlia of the largest size. Its petals are beautifully quilled, giving it a very unique appearance. Its color is pure white, if slightly shaded, but overspread with delicate lavender when grown in bright sunlight. Undoubtedly one of the best of the show varieties. Height, 4 feet. Strong tubers, 20c each; \$2.00 per doz.

GAIETY. 1911. A superb new decorative, vivid scarlet, heavily marked with pure white. It is a variety far above the average of the fancy type. It proved an excellent cut flower variety during the past season. Stems are long and flowers are produced freely. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

GIGANTEA. (Decorative.) Creamy white, very large, of fair quality. Strong tubers, 25c; \$2.50 per doz.



Meadow Gold.

MEADOW GOLD. (1912.) This variety was introduced last season and has been remarkably successful. I consider this one of the very finest decorative dahlias it has ever been my good fortune to offer the public. Its immense flowers are produced in profusion from early to late in the season. Unlike most of the large flowers this one has a fine long stem that holds the flower quite erect so that it shows to full advantage. The plant makes a strong, sturdy growth to a height of about four feet. The color is fine—a primrose yellow, faintly tinged with delicate pink, changing in late fall to clear lemon yellow. Strong tubers, 75c each; \$7.50 per doz.

J. W. BAGGE. (Decorative.) A true American Beauty shade. Flowers large and full. Plant strong and healthy. A fine garden variety. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

JACK ROSE. Brilliant crimson-red, rich and glowing, similar in shade to the popular "Jack" Rose, which suggested its name. The habit of the plant is perfect for garden decoration. 20c each; \$2.00 per doz. Height, 4 feet.

JEANNE CHARMET. A decorative variety of exquisite form and color. Flowers are very large and stems exceptionally long. Color, a shading of pink lilac, each petal edged with white. Very fine. 25c each; \$2.50 per doz. Height, 4 feet.

LA FRANCE. Brilliant rose-pink, similar to the rose with the same name. Flowers are gigantic, loosely built and resemble in shape a large double peony. Strong tubers, 25c each; \$2.50 per doz. Height, 3 feet.

MANZANOLA. 1910. In this new decorative Dahlia we have one of the most intense vivid reds of the Dahlia family. Flowers are large and finely formed, showing well above the foliage. A strong, healthy plant. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.

MANITOU. 1908. The illustration shows the flower much reduced in size. Its flowers are uniformly even in outline and always full to the center. Immense size—often eight inches in diameter. The color is pleasing, being an amber bronze with a distinct shading of pink. Not suitable for cutting, as the flower is too large and the stems rather short. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

MME. MARZE. (Decorative.) A fine white Dahlia of immense size. Fully as large as the well-known Mrs. Winters, but has better stem and keeping qualities. An early and free bloomer. Fine in all points. Strong tubers, 50c; \$5.00 per doz. Height, 3 feet.

MRS. WINTERS. (Decorative.) This superb white Dahlia is now so generally and favorably known that an extensive description is not necessary. Always reliable, always satisfactory. As a white it has neither superior nor equal. Height, 3 feet. Strong tubers, 20c each; \$2.00 per doz.

MME. A. LUMIER. A very distinct variety; ground color white, suffused towards the ends of the petals with red, the tips being pointed with bright violet-red. 25c each; \$2.50 per doz. Height, 3 feet.

MANZANITA. 1912. (Show.) Clear, rich lavender, the purest of its color yet introduced. Stems are long and rigid, making it an exceptionally good variety for cutting. This variety will undoubtedly lead all the lavender colors. Strong tubers, 25c; \$2.50 per doz. Height, 5 feet.

MISS E. POPE. (Decorative.) A magnificent, large velvety red. Excellent in all its habits. Stems long and erect. One of the very best of the decorative types. 50c; \$5.00 per doz. Height, 4 feet.

MRS. BAGGE. (Decorative.) A beautiful Dahlia in both form and color. A pleasing old rose color. Flowers are large and full, and stems long and erect. Strong tubers, 50c; \$5.00 per doz. Height, 3 feet.

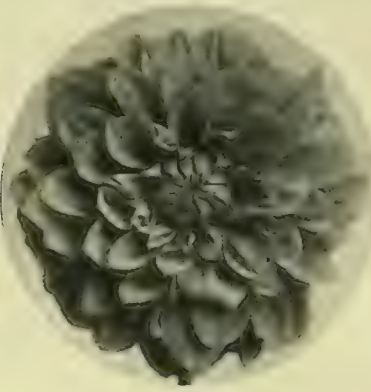
MME. DAEL. (Mme. Van den Dael.) An immense decorative Dahlia that has proven a favorite with all and is justly entitled to first place among all the shell pinks. It is very large, and yet is chaste in form. Stems are exceptionally long and wiry, bringing the immense flowers above the foliage. Color, soft shell pink. A noble Dahlia. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

MRS. CORFMAN. (Decorative.) A fine vermilion scarlet flower, borne on long stems well above the foliage. An interesting feature of this variety is its stems and branches, which are not green like the foliage, but a waxy pink almost transparent in appearance. Fine for either garden or cutting purposes. Height, 2 feet. Strong tubers, 20c each; \$2.00 per doz.

PEOP. MANSFIELD. (Decorative.) Flowers very large, but stem rather short. Color, a combination of yellow, bronze and red, sometimes producing solid flowers of one color. Strong tubers, 25c each; \$2.50 per doz. Height, 4 feet.



Gaiety.



Manitou.



Navajo.

MRS. ISABEL J. SEWALL. 1910. A new decorative variety of a beautiful fawn shade. Flowers large and full. A very unique and attractive color, suggesting the rich shading of silk. Distinctive from all other Dahlias in this type. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

NAVAJO. For richness of color this decorative Dahlia has no equal. Its bold, rich flowers were the admiration of all who visited the grounds the past two seasons. A most intense red, with violet shading. Height, 4 feet. Strong tubers, 25c each; \$2.50 per doz.

UMATILLA. (Decorative.) Another grand Dahlia of superior merit, either for garden or home decoration, to which it is especially adapted by reason of its remarkably long stems and splendid keeping qualities. Color, deep blood red. Strong tubers, 25c each; \$2.50 per doz. Height, 5 feet.

SOUVENIR DOUZON. (Decorative.) An immense flower with broad, flat petals and full to the center. This one is undoubtedly the largest red in the decorative section. Strong tubers, 20c each; \$2.00 per doz. Height, 4 feet.

SULTANA. 1912. (Decorative.) Rich amber yellow, streaked and dotted with bright red. Flowers early and freely. A new and pleasing variety. Strong tubers, 25c; \$2.50 per doz. Height, 4 feet.

VERA CURRY. (Show.) A giant flower borne on very long erect stems. A very effective combination of color. It has no superior in its class. Height, 3 feet. Strong tubers, 50c; \$5.00 per dozen.

YELLOW DUKE. A show variety, similar in form to the popular Grand Duke Alexis, but with far better stem. Color, clear bright yellow. 20c each; \$2.00 per doz.

Peony Flowered Dahlias

All Are Fine for Cutting.

CLEOPATRA. Oriental red, base of petals yellow, shading to bronze red; very showy. Height, 4 feet.

DUKE HENRY. Brilliant red. Large broad petals. Height, 4 feet.

OURAY. Deep blood red. Flower very large and rather loosely constructed. Stems very long. Height, 5 feet.

QUEEN EMMA. A magnificent sort that appears almost artificial. It is of a charming shade of mallow or Hollyhock pink. Height, 4 feet.

QUEEN WILHELMINA. Immense, fluffy flower of pure white, with yellow center.

SOUVENIR FRANZ LISZT. Dark purple maroon. Veined and shaded with white. Flowers very large and stems long. Very good. Height, 4 feet.

VILLAGE BELLE. Very large. Color rich amber,



View Showing a Bed of Mrs. Winters to the Right.

heavily shaded with cherry. Long, erect stems. A fine variety. Height, 5 feet.

Price—Any of the above. Strong tubers, 25c each; \$2.50 per doz.

"I have read your Dahlia Manual and cannot praise it too highly, for it certainly is what all lovers of the Dahlia should read and follow." I. N. HOLBROOK.

Amarna, Iowa, March 3, 1908.

"The Dahlias I had from you last spring were the finest and best tubers I ever had, and flowers were admired by every one who saw them." H. S.

"Your Dahlia Manual is right to the point, and very neatly gotten up. Anyone who will follow the plain general cultural directions you give can hardly fail in a region where dahlias will grow at all."

PROF. HARSHBARGER.

"I desire to express my appreciation of the Dahlia Manual. It supplies a real need in literature on the dahlia."

J. W. McNARY.
Washburn College.

"My ordering another Manual will convince you that I think highly of it. It is the best book on the subject I have read. Those having no knowledge of Dahlias would understand growing them by reading the book."

FRANK E. DUFFY.

"The Dahlia Manual reached me several days ago, and I find it a wonderful help in Dahlia growing."

MRS. H. M. HANSON.

Standard Cactus Dahlias

Strong Tubers. Price, 15c each; \$1.50 per doz., postpaid

	Ft. High, Approximate.		Ft. High, Approximate.
ALABASTER. Pure white. A small, finely formed flower. Fine for cutting.....	3	JEALOUSY. Clear bright yellow. Fine form and good stem	4
BADENIA. Color, a clear, bright orange, striped and flecked with bright red. Petals are very long, and curved towards the center.....	4	LENAU. Amber pink; a fine pleasing color. Flowers large and full. A first-class variety....	3
COSTILLA. Soft garnet red of exceptionally fine form. Petals long and pointed.....	3	MRS. BENNETT. Soft crimson, large and well formed, petals broad and pointed.....	4
EARL OF PEMBROKE. Deep purple maroon, fine form	3	MRS. PEART. Color, a delicate creamy white.....	3
FEUTE. Peaches and cream describes the color of this beauty; a pleasing soft rose-pink, passing to a cream center.....	4	MRS. CHAS. TURNER. Extra large, with long, pointed petals and perfect in form. Bright lemon yellow	3
FLORADORA. A marvel of productiveness and of exquisite form. Deep blood red; very early.....	3	MRS. LONG. Creamy white, fine form.....	3
GABRIEL. A fancy cactus of exquisite form, very large and full. Color varies from rich scarlet to creamy white	3	MARS. Intense scarlet, shading to orange at the base of the petals.....	3
GYPSY MAID. Orange scarlet; petals long and pointed. Exquisite finish.....	3	NEDRA. A soft mauve pink; a unique color in the Dahlia family and one hard to describe.....	4
GAZELLE. Rich purple flowers, medium in size; petals long and pointed.....	4	PRINCE OF ORANGE. A beautiful form. In color a blending of apricot and bronze. Very free.....	3
GLORIOSA. Bright scarlet, long curved petals. One of the best	4	ROTHER. Rich garnet red, well formed on long stem	3
GENESTA. Rich orange bronze. A fine autumn shade	3	STANDARD BEARER. Rich fiery scarlet, one of the very best	3
GEN. BULLER. Cardinal with crimson shading. Each petal tipped with pinkish white. Stems long. An extra fine Dahlia.....	3	SPOTLESS QUEEN. Purest white, an excellent variety for cutting purposes.....	4
HARBOR LIGHT. A handsome variety, with large, fine form; petals long and narrow, dark red with shading of apricot in the center.....	3	SCHWAN. Pure white. Petals long and narrow..	3
ICEBERG. Color, pure white, shading to greenish white at the base of the petals. Flower very regular	4	THE ANTLERS. Rich purple maroon with dark violet shading. Petals curving forward in the form of a deer's antlers.....	3
		WINSOME. Pure white, fairly quality.....	3
		WM. MARSHALL. Petals very long and narrow. Pale amber shaded to orange.....	3
		ZEPHYR. A light feathery cactus form of unique coloring, rosy pink, shading to heliotrope.....	3

Standard Decorative Dahlias

Strong Tubers. Price, 15c each; \$1.50 per doz., postpaid

	Ft. High, Approximate.		Ft. High, Approximate.
AMERGERONE. A very large flower, deep plum purple	3	KINDS PINK. Pale soft pink. Similar to the well-known Sylvia	4
A. F. BISHOP. A rich, clear lilac—a color hitherto unknown in this type.....	3	LYNDHURST. Scarlet or vermillion. A noble flower	4
CROWN OF GOLD. Rich bright tan or old gold. Flowers well formed and general habit of both plant and flower is good.....	3	LAVENDER BEAUTY. A clear, soft lavender shade. Petals deeply serrated.....	4
CREOLE. Clear amber, large and full; good habit.	4	MONROVIA. Rich fawn, shading to bronze, while the reverse of the petals show light purple, giving the flower the rich shading seen in changeable silk	3
DR. GATES. Beautiful shell pink, shading to blush at base of petals; stems long. An excellent variety for cutting	5	MAID OF KENT. Intense scarlet, variegated with pure white; frequently a solid scarlet.....	4
DR. MUIR. Apricot, shaded to bronze. An early and free bloomer	3	MRS. HARTONG. Very large and exquisite form. Color, light fawn, suffused with pink. Very handsome	5
EUGENE TEELE. A very fine deep scarlet, produced on long stems; valuable for cutting.....	5	MRS. LINDER. Blush pink, fine in color and form. Early and free; fine for cutting.....	4
ELOISE. Dark maroon, tipped and edged with white. An early and very free bloomer.....	3	MRS. T. F. DE WITT. Clear amber yellow, fine form	3
GRAND MOGUL. Scarlet tipped and streaked pure white	4	OPAL QUEEN. A color as difficult to describe as the opal itself. In a general way it may be said to be a light sulphur, overspread and shaded with a tinge of pink, but giving varying hues according to light	4
GRACE STEPHENS. An erect grower with long stems; flowers well above the foliage. Color, lavender pink	3	SIS HOPKINS. An odd shade of reddish fawn, shaded to old gold. Flowers large and full; a fine autumn color	4
GOLDEN SUN. A large massive flower, golden yellow, shaded lighter in the center.....	4		
HENRY PATRICK. Pure white. Flowers are very large and pure in color.....	5		

Show and Fancy Dahlias

Strong Tubers. Price, 15c each; \$1.50 per doz., postpaid



Fancy Dahlia.

	Ft. High, Approximate.
ANNIE MOORE. A fine variegated flower of medium size. Color, a beautiful combination of cherry, pink and white	3
A. L. CHASE. Creamy white, streaked with purple; sometimes solid purple	3
A. D. LIVONI. Rich pink, finely formed. A very handsome flower	3
ARABELLA. A large perfect form. Pale lemon, shading to primrose at the tips	3
ALTUS. Rich purple, tipped with white	4
BON TON. A fine ball-shaped flower of a deep garnet red. An extra fine Dahlia	4
BON MAZA. (Uncertainty.) An odd Dahlia, but one of the best. White ground, streaked and marbled in a curious manner with bright red....	4
FRANK SMITH. Rich dark maroon; sometimes tipped with pure white, shaded into pink. One of the best	5
FIRE BALL. A most intense dark red, with long stem	4
FLORAL PARK JEWEL. Rich purple red, tipped and striped with white. Sometimes solid color. Very early and free	3
GLORI DE LYON. Pure white. The largest white Dahlia in cultivation; round as a ball	3
GOLDEN TREASURE. A beautiful burnt orange color. Flower large, well formed and full to the center	3
GLENCOE. Bright scarlet. Flower almost as round as a ball. A fine variety for cutting	5
IGNACIO. A remarkably healthy, strong-growing plant, with long stems and large, full flowers. A deep, clear red	4
JUANITA FORD. Flowers very large, borne on long stems. Color, deep cardinal red. An excellent variety for cutting	4
KATE HASLAM. A beautiful soft pink. Petals beautifully quilled	3
KAISER WILHELM. One of the grandest flowers in cultivation. Of immense size and perfect form. Deep yellow, tipped and shaded with cherry red..	4
LADY MILD MAY. A very beautiful flower. White ground, shaded to pale lilac. Very large and full. A free bloomer	3
LUCY FAUCETT. Sulphur yellow, streaked and flecked with crimson. Fine	5
MISS DODD. Purest yellow, of exquisite form and color. A remarkably handsome flower	3
MISS RUTH. Lemon yellow, tipped with pure white; sometimes clear yellow	3
PIONEER. Dark maroon, sometimes almost black. One of the best among the dark colors	4
PURPLE GEM. Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first-class flower	4
FURITAN. White ground, shaded lavender pink, streaked with red; long stem	3
QUEEN OF YELLOWS. Fine clear yellow. An early and very prolific bloomer	3
SNOW. A beautiful pure white, long stem. Excellent for cutting	4
SALMON QUEEN. Buff salmon, rounded and full..	4
THE BARON. A strong, robust grower, producing bright yellow flowers, sometimes tipped with white. In form the flower is nearly round. Stems long. An excellent variety for cutting ..	4
THE CHIEF. Deep garnet red. Fine for cutting..	4
VERIDIFLORA. A natural curiosity. Its flowers are as green as the foliage, and are produced in profusion	2 1/2

Single Dahlias

	Ft. High, Approximate.
LADY LOVE. 1911. A fine single variety; faultless in both form and color; borne on an ideal stem for cutting. Color, light canary yellow, shaded to pure white. A lovely flower	4
PRES. VIGER. (Collerette.) Carmine red, yellow disc surrounded by a frill of pure white miniature petals. Very attractive	3
SCARLET CENTURY. Bright vivid scarlet on very long stems, petals broad and evenly arranged. The best of all the red singles	5
SENSATION. A semi-double, scarlet tipped white; fair quality	5
TWENTIETH CENTURY. Now so well known as to require but little description. Intense rosy-crimson, tipped with white and having a white band around the disc	5
WHITE CENTURY. Similar to the two foregoing, except as to color, which is the purest white. Nothing equal to it among the whites	4
Price of any of the above singles, strong tubers, 20c each; \$2.00 doz.	



Twentieth Century.

	Ft. High, Approximate.
LITTLE PRINCE. Quite small. Widely varied in color from deepest red to pinkish white	3
PURITY. Pure white, well rounded and full. A prolific bloomer	3
PURE LOVE. Beautiful lilac	4
SCARLET GEM. Each part of the name is correctly descriptive	3
STAR OF THE EAST. Purest white. A free bloomer. Excellent for cutting	3

Pompon List

	Ft. High, Approximate.
BACCHUS. Clear, bright red. Rounded and full....	4
CATHERINE. Bright yellow. Good form and stem ..	3
DARKNESS. Very dark maroon. Extra fine	3
HEDWIG POLWIZ. Very free. Color, red and white. ..	3
ISABEL. Vermillion. Very fine	4



Gladioli.

Gladiolus

Among the summer flowering bulbs the Gladiolus has but few, if any, equals. They are easily satisfied, both as to soil and location, doing equally well in beds, rows or interspersed among shrubbery. Good cultivation is desired, but heavy fertilizing should be avoided.

Six choice Gladioli of recent introduction. 15c each, except where noted. Set for \$1.00.

GLORY. Cream pink, striped crimson, ruffled.
NIAGARA. Blush tinted carmine, 25c.
PEACE. Pure white shaded throat, 25c.
PROPHETESSE. Pearly white, crimson throat.
PRINCEPS. Rich scarlet and white.
SULPHUR KING. Rich clear yellow.

"RAINBOW COLLECTION."

Eighteen choice Gladioli in varied colors. 10c each. Set of 18 for \$1.25.

AMERICA. Soft pink, extra large.
ALICE CARY. Shaded white, long spikes.
AUGUSTA. Pure white, lavender anthers.
BARON HULOT. Deep violet purple.
BRECHLEYENSIS. Bright vermilion scarlet.
BIRD OF PARADISE. Canary, striped cherry.
FRANCES KING. Light scarlet, long spikes.
GEO. PAUL. Crimson streaked, purple.
GIANT PINK. Brilliant pink, dark throat.
HOLLANDER. Pink streaked with yellow.
INDEPENDENCE. Rosy pink, shaded throat.
KLONDIKE. Primrose yellow.
MRS. BEECHER. Rosy crimson, white throat.
MEPHISTOPHELES. Bright red, marked yellow.
MME. MONNERET. Delicate rose.
NAZINSCOTT. Blood red, mottled throat.
SNOWBANK. White with red markings.
TACONIC. Clear pink, bluish throat.

**SPECIAL MIX-
TURE IN PACK-
AGES OF 50 FOR
50 CENTS.**

A fancy mix-
ture that will pro-
duce one good
spike of bloom
from each bulb—
my favorite plant-
ing size. Try one
of these packages.

GLADIOLI IN MIXTURE.

This mixture is made up of various types and colors. A satisfactory strain for massing.

1st size, 50c per doz.; \$2.50 per 100 2d size, 30c per doz.; \$2.00 per 100
 3d size, 20c per doz.; \$1.50 per 100

Tuberoses

EXCELSIOR DOUBLE PEARL

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May, or as soon as the ground becomes warm. Price 5c each; 40c per doz.

Sage

A HARDY GARDEN HERB

Used chiefly for dressings and sauces, but produces long sprays of blue flowers in August and September. Perfectly hardy. 10c each; \$1.00 per doz.

March 10th, 1910.

"Those Dahlias you sent me last year have given great satisfaction. Charles Clayton was liked so well that I will plant a whole bed of them this year."

PAUL UHLMAN.

Peonies

Fine, hardy plants, rivaling the rose in perfection of bloom, color and fragrance. They are home in any climate or soil, but thrive best in a deep, rich, well-drained loam. They make a gorgeous display planted in beds, on the lawn, or planted singly along the walk or herbaceous border. The Peony is perfectly hardy and generally able to care for itself, but it does not follow that they enjoy neglect. Give them ample room in which to grow, keeping them free from weeds and grass, and they will amply repay all the care given. A word to beginners: Don't be alarmed when you see your newly set Peonies begin to turn brown in July and appear to be quite dead by August. This is natural. They will be on hand again in the spring.

The following varieties embrace a wide range of color and will be found very satisfactory:

Prices, except where noted, 25c each; \$2.50 per doz.

BELLE DE NANCY. Dark crimson red, large globular flower, 50c.

DORCHESTER. (Richardson's Pink.) Clear light pink.



Field of Peonies in Full Bloom.

DUKE OF WELLINGTON. Ivory white with creamy white center. Very large.

EARLY ROSE. An early pink; blooms in clusters; very fragrant.

FESTIVA MAXIMA. A rare variety of great beauty. Exceedingly showy and of large size. Pure, snowy white flaked with small crimson spots at center. Finest white in cultivation. Price, 50c each.

GRANDIFLORA ALBA. Large, pure white. Blooms late.

GOLDEN HARVEST. Silver pink, changing to white. Center yellow.

GOLDEN CENTER. This is not a large Peony, but is a very good one. Pure white, pale yellow center.

HUMEI. Rosy pink. Very large and full. Should be mulched heavily to bring its flowers to perfection.

LATE ROSE. Similar to Early Rose, only it blooms later in the season. It is a fine rose-scented flower.

LADY LENORA BRAMWELL. Very large and sweet. Silver rose.

MAD. BEEON. Flesh and lemon, changing to white.

MAD. LEBON. Fine cherry red.

MARIE LEMOINE. Late flowering creamy white tipped rose. 50c each.

MODEL DE PERFECTION. Silver pink. Large and sweet.

OFFINALIS RUBBA. (Old Red.) Flowers of a bright crimson, quite double and globular. Very early, rare and fine.

PRINCESS BEATRICE. Pink gard petals, center creamy pink. 50c each.

QUEEN VICTORIA. A good-sized flower; outside pure white, center creamy white; inner petals usually tipped carmine.

RUBBA GRANDIFLORA. Blood red. Extra large size. A fine late variety. 50c each.

ROSEA SUPERBA. Fine, full rosy pink. Extra choice flower. Very free bloomer.

SPECIAL OFFER. One each of the above, 20 for \$5.

Hardy Herbaceous Plants

Prices, except where noted, 10c each; \$1.00 per doz.
For Permanent Planting in Garden, Borders, Cemetery Plots, Etc.

STRONG FIELD-GROWN PLANTS.

No flower garden is complete without a collection of these most valuable plants. With a little care they may be selected so as to give a continuous supply of flowers from early spring to autumn frosts. They require far less care than the annuals of bedding plants, and may be used to good advantage to fill odd corners, along fences, and to screen unsightly objects. They are perfectly hardy, and yet for winter they should have a slight covering of leaves or other litter. Care should also be taken to prevent pools of water standing on them during winter. I will gladly make selections for those not familiar with hardy plants if they will inform me as to space to be filled.

ACHILLEA. (Milfoil, or Yarrow.)

"THE PEARL." Flowers borne in greatest profusion the entire summer on strong, erect stems, two feet high, of the purest white. As a summer cut-bloom it is of great value.

ACHILLEA ROSEUM. (Rosy Milfoil.) Finely cut deep green foliage. Flowers pink in dense heads. 18 inches high and flowers all summer. Well worth growing, both as a border plant and for cutting.

BOLTONIA ASTEROIDES. (False Camomile.) Aster-like flowers. Pure white and very showy. Grows to a height of four and five feet. One of the best hardy perennials.

BLEEDING HEART. (Dielytra Spectabilis.) A hardy perennial plant producing graceful sprays of heart-shaped pink and white flowers. Price, 20c each; \$2.00 per doz.

BACCONIA-CORDATA. (Plume Poppy.) A rank growing plant, suitable for large grounds or for screening unsightly objects. Ornamental silvery foliage, producing large sprays of creamy white flowers. Grows to a height of 7 feet.

CARNATIONS. (Hardy.) Too well known to require description. Mixed colors, from pure white to dark red.

COREOPSIS LANCEOLATA. A beautiful hardy border plant. Grows 30 inches high, and produces its bright golden-yellow flowers in great profusion the entire season. It makes a handsome vase flower when cut, and should be grown in quantity whenever flowers are wanted for table decoration.

COLUMBINE. (Aquilegia.)

COERULEA. The beautiful native species of the Rocky Mountains. Very broad flowers, three inches or

more in diameter. The outer petals and long spurs are deep blue. Center of flower creamy white. Grand for cutting or border work. Thrives best in the shade. Price, 15c each; \$1.50 per doz.

CHRYSANTHA. (Golden Spurred Columbine.) Grows 2½ feet high, forming a bush 2 to 3 feet across, which is covered for two months with golden yellow flowers with long spurs. One of the most distinct of the family.

MIXED COLORS. The old garden Columbine. Single and double flowers. Giving wide range of color.

CANTERBURY BELLS. Fine, showy plants, producing a profusion of bell-shaped flowers in white, pink and various shades of blue. Fine for massing.

DELPHINIUM. (Perennial Larkspur.) The old-fashioned very dark blue variety. Three to four feet.

FOX GLOVE. (Digitalis.) A stately old-fashioned garden plant producing immense spikes of richly colored bell-shaped flowers. Mixed colors only.

GOLDEN GLOW. (Rudbeckia.) The plant is compact, growing 6 to 8 feet high, producing numerous stems which are laden with double golden-yellow flowers.

GYPSOPHILA PANICULATA. (Baby's Breath.) A beautiful perennial. When in bloom it forms a symmetrical mass 2 to 3 feet in height, of minute, pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers.

GYPSOPHILA FL. FL. A double form of the above. Blooms two weeks later. Each floret is densely double. The most valuable introduction in recent years. Price, 35c each; \$3.50 per doz.

GAILLARDIA. (Grandiflora.) Beginning to flower in June, they continue one mass of bloom the entire summer. Flowers three inches in diameter. Center dark reddish-brown. Petals vary from scarlet-orange to crimson.

GOLDEN ROD. A strong growing plant, producing rich golden yellow bloom in July and August.

HARDY ASTERS. (Michaelmas Daisies, or Star-worts.) These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. I offer three colors only—blue, white and light lavender.

HARDY MARGUERITE. A well-known hardy daisy, growing about three feet high. Flowers pure white, with bright yellow center.



Iris in Bloom.

HOLLYHOCKS. (Double Strong Field Roots.) As a background in large borders or beds of the lower herbaceous plants, there is nothing better. For planting in rows or groups on the lawn, or interspersing among the shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camelia, form perfect rosettes of the most lovely shades. Separate colors.

Buff, White, Yellow, Maroon, Red, Pink, Blush.

HOLLYHOCKS. (Allegheny or Everblooming.) The mammoth flowers are wonderfully formed of loosely arranged, fringed petals, which look as if made from the finest China silk. A wide range of colors in mixture only.

HARDY PINKS. (*Dianthus Chinensis*.) This old-time favorite is well deserving of a place in every garden. They occupy but little space, and yet produce a profusion of richly hued flowers of delightful fragrance.

HARDY PINKS. (Grass or Clover Pink.) The old-fashioned border pink. Delightfully fragrant. Popular in all border work. Many colors mixed.

HEMEROCALLIS. (Lemon Lily.) A most useful variety, growing about two feet high, with clusters of lily-like flowers of a rich yellow; very sweet.

THUNBERGII. Similar to the above, only it blooms a full month later and is more sturdy in growth. Stems from 3 to 4 feet long.

HELENIUM. (Sneeze-wort.) A fine late blooming plant, producing flowers of various colors of yellow and bronze, with brown center. Continues in bloom after severe frost.

HARDY POMPON CHRYSANTHEMUMS. The hardy Chrysanthemums are becoming more and more the queen of autumn. They continue to bloom long after all other flowers have died away, and even "the last rose of summer" has faded and gone. The following are among the best colors:

Red, White, Yellow, Pink, Purple.

HIBISCUS. (Crimson Eye.) An immense white flower with a crimson eye. Perfectly hardy. Blooms freely from mid-summer until killed by frost.

IRIS. (*Germanica*.) Large flowering varieties. Excellent for either borders or massing. I carry the following colors:

Blue, Creamy White, Purple and White, Bronze, Lavender, Orange Yellow, Bronze Purple.

LYSIMACHIA. (Loose-strife.) A fine hardy plant, about two feet high, with long, dense re-curved spikes of pure white flowers, from July to September.

MONARDIA. Showy plants. Aromatic foliage, producing spikes of bright scarlet flowers. Blooms in July and August. Two feet high.

ORIENTAL POPPY. This poppy is perfectly hardy. Its large orange scarlet flowers make it one of the most showy of all plants.

PYRETHRUM. A very pretty and useful class of plants giving a profusion of blooms in June. Its range of color is wide, but is especially rich in reds, purples and scarlets. Thrives well in any soil and lasts a long time after being cut. Mixed colors.

PLATYCODON GRANDIFLORA. (Chinese Bell Flower.) Blooms freely from July to September. Flowers are bell-shaped and dark blue in color. Quite hardy.

PARDANTHUS. (Blackberry Lily.) Lily-like flowers of a bright orange color, followed in September with seeds which resemble blackberries.

PHYSOSTEGIA. (False Dragon Hood.) Soft pink, forming dense bushes 3 to 4 feet high, bearing spikes of delicate pink flowers.

SWEET WILLIAM. Too well known to require description. A general favorite with all. Mixed colors; only strong plants.

SPIREA FILIPENDULA. (Double Drop Wort.) A very hardy plant, with fern-like foliage, throwing up numerous flower stems, literally covered with miniature double white flowers. Very graceful.

SHASTA DAISIES. (Burbanks.) Alaska. Immense snow white flowers 4 inches in diameter. Blooms through the season. The best daisy in the list. (See cut.)

Price of the above, 15c each; \$1.50 per doz.

SHASTA. The original Shasta Daisy. Pure white flowers, 3 inches in diameter. Second only in quality to Alaska.

ST. BRUNO'S LILY. A beautiful plant, with narrow, grass-like foliage and long spikes of white, fragrant, lily-like flowers in May and June.

TIGER LILIE. Orange red spotted dark purple.

TIGRINUM FL. PL. (Double Tiger Lily.) A double-flowering form of the above.

VALERIANA OFFICINALIS. (Hardy Heliotrope.) A tall variety, producing fine heads of pale pink flowers in June and July, with a strong heliotrope odor. A fine plant.



Bed of Alaska Daisies.



Hardy Phlox and Alaska Daisy at the Right.

Hardy Phloxes

Among the hardy perennial plants, no class is of more importance than the Phloxes. They are of the easiest culture, flowering well in almost any soil or location. They embrace a wide range of color and produce a wealth of flowers from early summer until late in the fall. For best results the clump should be divided and reset after the third year. The following list contains the most desirable colors:

NEWER PHLOXES OF SPECIAL MERIT

15c each; \$1.50 per doz.

BOQUET FLOWER. Pale pink with crimson eye. Each branch a perfect boquet.

BERANGER. White, delicately suffused with rosy pink.

COUQUELICOT. Pure scarlet with deeper eye. Best of the scarlets.

CREPUSCULE. (Twilight.) Pale ground shaded violet, carmine eye; very large.

CONSUL H. TRAIT. Bright red.

F. G. VON LUSBURG. The largest and finest white in cultivation. Florets fully double in size of any other white.

HERMINE. Very dwarf, never growing above 10 inches in height. Pure white. A gem.

LA VAGUE. Pure mauve with aniline red eye.

MRS. JENKINS. An early-flowering pure white, forming an immense panicle. One of the best.

PROFESSOR SCHLIEMAN. Pure mauve, crimson-carmine eye.

R. P. STRUTHERS. Rosy carmine with claret-red eye. One of the best Phlox in cultivation.

QUEEN OF PINKS. A large flower, clear rich pink, blooms late when most of the others are gone.

STANDARD VARIETIES OF PHLOXES

Price, 10c each; \$1.00 per dozen.

ANDRES HOFFER. Dwarf white. Very early.

ESPERENCE. Fine large pink, light eye.

ECLIPSE. Dark purple red.

ECLAIREUR. Brilliant rosy magenta with large lighter halo. An excellent variety.

EDMOND ROSTAND. Reddish violet, large, white, star-shaped center.

JOSEPHINE GERBAUX. Blush, pale pink eye.

LAVENDER. Pure lavender. A late bloomer.

PLUTON. Deep wine red.

PEARL. Pure white. Tall grower.

PANTHEON. Clear pink with dark eye.

ROBT. WERNER. Deep blush, bright pink eye.

RICHARD WALLACE. Pure white, violet eye.

THEBAIDE. Carmine-lake, with red eye.

WM. ROBINSON. Rich salmon scarlet. Fine.

Hardy Roses

35c each; \$4.00 per doz.

NOTE—By express only. These roses are strong two-year-old field grown stock and are too large for mailing. They go by express at purchaser's cost. But where as many as eight plants are ordered at a time I will pay express charges.

*Climber.

***CRIMSON RAMBLER.** Too well known to require description. Every one is familiar with its large clusters of crimson flowers.

***DOROTHY PERKINS.** Beautiful shell-pink color, which holds for a long time, fading finally to a lovely deep rose; very sweet scented; fully equal to Crimson Rambler in foliage, hardiness, habit of growth and blooming qualities.

ANNA DE DIESBACH. Clear, bright carmine pink, very large, full and finely shaped; fragrant and a free bloomer.

Clio. Flesh color, shaded in the center with rosy-pink; large and of fine form.

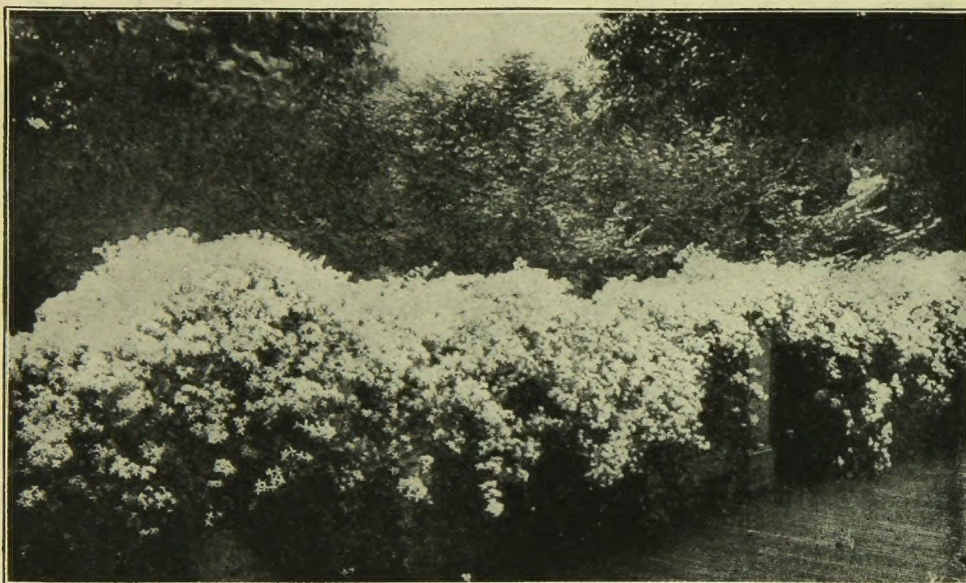
FRAU KARL DRUSCHKI. This is the ideal hardy white Rose, pure in color, perfect in form; strong grower and remarkably free-flowering; superb in every way.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson; an old favorite and one of the best-known Roses in cultivation. Does well everywhere.

MRS. JOHN LAING. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering. Always does well and stands very close to the top among fine Roses.

MADAME PLANTER. Pure white, large and double. Hardy as a forest tree. A free and continuous bloomer. One of the best white.

PAUL NEYRON. The largest of all Rose blooms; bright, shining pink, clear and beautiful. Very double and full; finely scented. Blooms first season and all summer.



Hedge of Clematis Paniculata.

Hardy Vines

AMPELOPSIS VEITCHI. (Boston Ivy.) This is one of the finest climbers we have for covering walls, as it clings firmly to the smoothest surface. The color is a fresh deep green in summer, changing to the brightest shades of crimson and yellow in autumn. 25c; \$2.50 per doz.

AMPELOPSIS ENGELMANNI. A variety of the Virginia Creeper with dense foliage of a glossy light-green in summer, changing to brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 25c; \$2.50 per doz.

AMPELOPSIS QUINQUEFOLIA. (Virginia Creeper, or American Ivy.) This well-known climber is one of the best for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 15c; \$1.50 per doz.

BIGNONIA. (Trumpet Creeper.) A rapid growing, hardy vine with trumpet-shaped orange scarlet flowers. Price, 25c each.

CLEMATIS PANICULATA. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. Should be provided with a trellis or something to climb as soon as it starts its growth. (Clematis should not be set where the drip from the eaves falls upon it.) Price, 2 years old, 25c; extra size, 3 years old, 35c.

CLEMATIS JACKMANI. This variety, with its strong, healthy growth, hardy nature and rich, deep, velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion. Should be pruned early in spring. Price, 60c each.

HONEYSUCKLES

A very popular old-fashioned climbing vine, with a profusion of very sweetly-scented flowers of red, white and yellow. A very hardy vine and one of the most popular for a porch or piazza.

HALLIANA. (Hall's Evergreen.) Foliage is a deep green and almost evergreen through the winter. Flowers are very fragrant, yellow and white, and bloom profusely throughout the summer. Price, 25c each.

SCARLET TRUMPET. A rapid growing Honey-suckle with clusters of trumpet-shaped flowers. Price, 25c each.

WISTARIA. A very rapid climber, producing long sprays of purple flowers. Two-year-old roots, 25c; one-year-old, 15c.

***POLYGONUM BALDSCHUANICUM.** (Bride's Vell.) A hardy climber of recent introduction from the mountains of Turkestan. It is of rapid growth, frequently attaining a height of 10 to 12 feet in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white, foamy flowers, which are produced during August and September. Strong plants. Two-year-old, price, 60c each; three-year-old, extra size, 75c.



Polygonum Baldschuanicum.

IN A NUT SHELL

§ § A FEW ITEMS OF INTEREST § §

The native home of the Dahlia is Central America and Southern Mexico. Its earliest known history dates back to 1657, and at this date was called Acocli by the Aztec Indians. Later its name was changed to Georgina, after Prof. Georgi of St. Petersburg, which name is still used in some of the German catalogs. Again the name was changed to Dahlia, after Dr. Dahl, a Swedish botanist. The Dahlia in its native state is single. The first double forms appeared in 1814 and are credited to M. Donkelaar. The first double forms were of the types now known as SHOW and FANCY. The POMPON form appeared about 1858 to 1860. Next came the DECORATIVE form, but its origin is not clearly defined, but probably dates back some forty years. The first CACTUS Dahlia originated in 1872, but was not placed on the market until 1880. It was named Juarezi after President Juarez of Mexico. This is the popular type of the present day and there are some 2,000 named varieties of Cactus Dahlias today that have descended from the original Juarezi. The PEONY FLOWERED type is of quite recent origin, dating back but a few years.

How to Grow and Care For Dahlias

If possible, plant in an open, sunny situation. Prepare the soil thoroughly by deep digging. Be moderate in the use of both manure and water. Never plant when the soil is wet. Lay the tuber flat on its side and cover it 4 inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the plant.

Tall growing varieties may be kept fairly drawf by pinching out the tip when the first shoot is 6 inches high. All varieties growing above 4 feet should be tied to stout stakes to hold them in position.

3x3 feet is about the proper distance to plant apart.

Keep all dead flowers trimmed off.

Dahlia blooms keep much better if cut in the evening—about sunset—and the less foliage taken off with the flowers the better for both plant and flower. If green is desired, use some other green of better keeping qualities.

After frost has killed the tops, dig the tubers carefully, remove the soil from the roots, and store away in a box or barrel secure from frost. As a precaution it would be well to cover the tubers so stored with sand, leaves, or moss.

All clumps should be divided into several pieces before being reset the following spring.—(Extracts from Wilmore's Dahlia Manual.

HARDY PLANTS

AND HOW TO GROW THEM

When possible the border or plot where the hardy plants are to be set should be prepared the previous fall by a thorough spading of the soil to a depth of at least one foot. The soil should be thoroughly pulverized at the time of digging, and if inclined to be heavy a good coating of air-slacked lime spread over the surface and raked in will lighten the soil greatly. As a rule hardy plants and vines should be set in the early spring as soon as nature starts forth the new growth.

Fall planting is sometimes practiced in mild climates but is not advisable in latitudes of zero winters. Very little if any fertilizer should be used in new borders and where used at all it should be spread over the surface after the plants are set. Severe losses often occur where plants are set in heavily-manured soil. A general rule for planting is to set the plant with the crown (the point at which the new growth starts) about one inch below the surface of the soil. There are some variations from this rule, notably those of the Peony, Bleeding Heart, Hibiscus, and Lilies, all of which should be set at least four inches below the surface.

After the hardy border has become established a very moderate amount of care is all that is required for a number of years, and yet this care must not approach the point of neglect. Early each spring the dead tops must be cut away and a light coating of well-rotted manure applied and forked in. Wood ashes or sheep manure make good fertilizers for hardy plants. Many hardy plants seed freely and for this reason the tops or seed-bearing portion should be broken off and carried out of the garden as soon as the blooming season is over or the seed may become a nuisance and besides seedy plants are unsightly. The plants, however, should not be denuded of foliage, as nature requires this for winter protection. Some of the very best of our hardy plants increase very rapidly through root growths and in a few years will cover a large space to the exclusion of their neighbors if permitted to grow at will. But as these growths are usually formed in the fall, they can easily be removed while digging the bed over in the spring. The list of really good plants is too long to be given here. It is not out of place, however, to say that there are plants suited to practically all locations. This class of plants is comparatively free from disease and insect pests, which renders them all the more desirable. They also cover the entire season from spring to heavy frosts.

WHY DEALERS DO NOT GUARANTEE PLANTS.

This question is often asked, and yet it is a very easy one answered and the reasonableness of the answer is clearly apparent to all. To guarantee the life of a plant in the hands of another person is to make the dealer responsible for the errors and inexperience of others, not to mention freaks of weather and unfavorable seasons, cut worms, insects, bad soil, unfavorable locations and many other conditions, over which the dealer has no control. Then, again, there are customers who buy plants so late in the season that there can be but little hope of success. Most dealers are ready and willing to make good plants that are dead upon arrival, but it would be unreasonable to ask them to become responsible for the future life or conduct of a plant received in good condition. Fortunately the percentage of loss in hardy plants is small, as they are very tenacious of life.

W. W. WILMORE, Denver, Colo.

CLASSIFICATION OF DAHLIAS

Class 1. Cactus.—This class embraces the long, narrow-petaled varieties, the petals of which are generally pointed or twisted.

Class 2. Decorative.—This class is an intermediate form, having broad, flat petals.

Class 3. Fancy.—This class takes in all variegated varieties.

Peony Flowered.—A semi-double of the decorative form.

Class 4. Pompon.—This class embraces the small, round Dahlias.

Class 5. Show.—The name Show applies to those varieties producing large, well-formed flowers, showing only solid colors, but may frequently have shaded tips.

Class 6. Single.—Too well known to require a description.